

Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Dimapur District

Bulletin No:84/2017

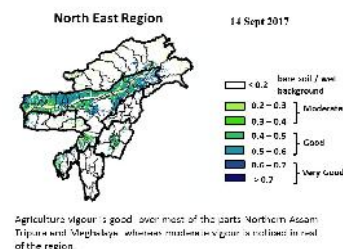
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30^oC to 31^oC and 22^oC to 23^oC, respectively.
- Relative humidity varied from 54% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 29^oC - 30^oC and the **min temp** 18^oC to 20^oC
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 47% to 89%.
- **Wind speed** may reach upto 2- 4 kmph
- **Wind direction** will be mostly easterly




Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to

			<p>use his own seed, seed treatment is a must.</p> <p>Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</p>
<p style="text-align: center;">Horticultural crop</p> <p>Use well drained soils, field sanitation should be maintained. Seed bed should be in good tilth, free from diseases and weeds.</p>			
Citrus		Leaf miner	<p>Leaf miner moths are attracted to new flush. Avoid pruning live branches more than once a year, so that the cycles of flushing are uniform and short. Once the leaves harden, the pest will not be able to mine the leaves. Do not prune off leaves damaged by citrus leaf miner because undamaged areas of the leaves continue to produce food for the tree.</p>
Vegetables			<p>Nursery preparation should be started for vegetables like cabbage, cauliflower, knolkhol, broccoli, radish, tomato and arrangement for quality seeds should be done.</p> <p>Suitable varieties for our region:</p> <ol style="list-style-type: none"> 1. Cabbage – Green express (Hybrid), Rareball (Hybrid), Pride of India (OP). 2. Broccoli – Pushpa, princess. 3. Tomato – Pusa ruby, Arka vikash, Punjab swari. 4. Knolkhol – White Vienna. 5. Radish – Japanese white, Pusa chetki. 6. Pea – Arkel
Brinjal	Maturity stage		Timely weeding and earthing up should be done.
		Wilt	<p>Remove and destroy the affected plant</p> <p>Proper drainage should be maintained in the field</p>
Naga king chilli	Harvesting stage		<p>Timely weeding and earthing up should be done</p> <p>Daily monitoring should be done for insect pest and need based neem oil should be spray</p>
Fruit trees			<p>Maintain proper sanitation in and around the vicinity of the tree</p> <p>Prune trees immediately after harvesting. Grow seasonal crops in inter spaces.</p>
Ginger / turmeric	Maturity stage		<p>Field must be inspected daily for disease appearance. While inspecting, the healthy plants/plots must be marked and kept for planting in the next season. Marking has to be done properly otherwise when plant matures and gets dried up, it will be very difficult to find out the marked plots.</p>
<p style="text-align: center;">Livestock</p> <p>Vaccination of animals should be done against out-break of major diseases. Provide clean and cool drinking water to the animals</p>			
Poultry	<ul style="list-style-type: none"> • Proper sanitary measures should be done to control the diseases. Slaughtering of all apparently ailing birds, segregating of in - contact in group of 10 to 15 each; removal of all infective materials such as 		

		droppings, residues of poultry cleanliness.
	Piggery	<ul style="list-style-type: none"> Routine vaccination programme is recommended and once any disease is diagnosed treat immediately with antibiotics
	Fisheries	
		Pond water should not just maintain at a certain depth; its quality must also be kept high to ensure optimal growth of the culture organism

Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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3	Ph. Romen Sharma	Scientist	Agricultural Extension	romen.agext@gmail.com
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5	Dr. Mahak Singh	Scientist	Animal Reproduction & Gynaecology	mahaksinghivri@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com

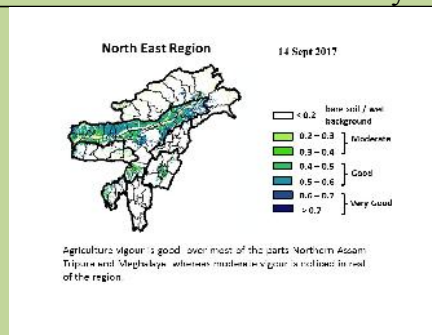
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 31°C to 32°C and 23°C to 25°C, respectively.
- Relative humidity varied from 43% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- Max temp** is likely to be 26°C - 27°C and the **min temp** 17°C to 18°C
- Sky is likely to be mainly clear** the coming week
- Relative Humidity** is likely to range from 26% to 92%.
- Wind speed** may reach upto 1- 2 kmph
- Wind direction** will be southeasterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Kohima District

Bulletin No:84/2017

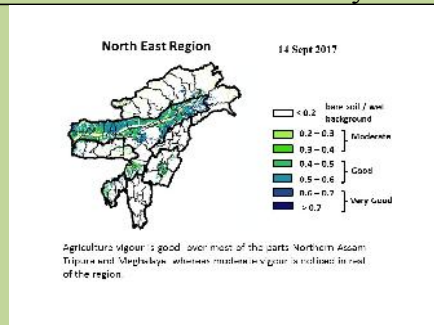
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 28 °C to 30°C and 21°C to 25°C, respectively.
- Relative humidity varied from 62% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 22°C - 23°C and the **min temp** 14°C to 15°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 37% to 93%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be mostly easterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		<i>Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.</i>
<i>TRC/WRC paddy</i>	Panicle initiation stage	Grasshopper	<i>It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.</i>
<i>Toria</i>	Land preparation	-	<i>Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region</i>
<i>Rabi maize</i>	Land preparation		<i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i>

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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Longleng District

Bulletin No:84/2017

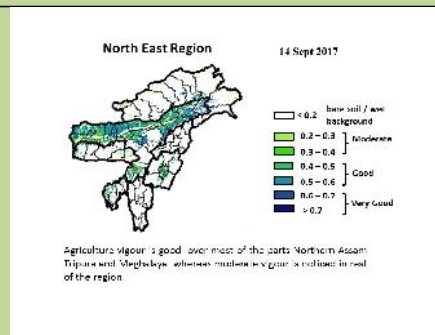
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 21°C to 23°C, respectively.
- Relative humidity varied from 60% to 95%.
- Wind speed ranged from 1 to 2 kmph

- NDVI for Nagaland

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 26°C - 27°C and the **min temp** 15°C to 16°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 50% to 90%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be southeasterly



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
<i>TRC/WRC paddy</i>	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
<i>Toria</i>	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
<i>Rabi maize</i>	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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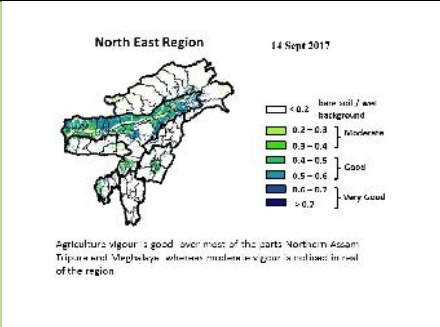
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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17

Mokokchung District

Bulletin No:84/2017

Weather summary of the preceding week	Weather forecast valid upto 1 st Nov'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30°C to 31°C and 22°C to 23°C, respectively. Relative humidity varied from 62% to 95%. Wind speed ranged from 1 to 2 kmph 	<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 26°C - 27°C and the min temp 15°C to 16°C Sky is likely to be mainly clear the coming week Relative Humidity is likely to range from 52% to 94%. Wind speed may reach upto 2- 4 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 	 <p>Moderate wet conditions</p>

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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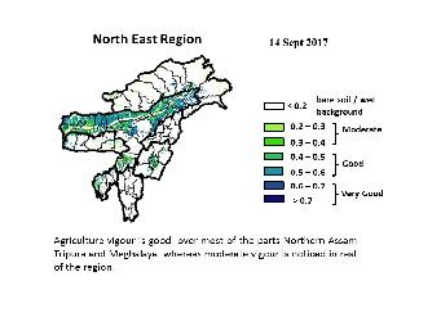


Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Mon District

Bulletin No:84/2017

ICAR RESEARCH COMPLEX FOR NEH REGION

agricultural Research)

Weather summary of the preceding week			Weather forecast valid upto 1 st Nov'17
<ul style="list-style-type: none"> Light rain occurred the past week Maximum and minimum temperatures ranged 30°C to 31°C and 21°C to 24°C, respectively. Relative humidity varied from 70% to 95% Wind speed ranged from 1 to 2 kmph 			<ul style="list-style-type: none"> Probability of light rain the coming week. Max temp is likely to be 24°C - 25°C and the min temp 15°C to 16°C Sky is likely to be partly cloudy the coming week Relative Humidity is likely to range from 45% to 90%. Wind speed may reach upto 1- 5 kmph Wind direction will be southeasterly
<ul style="list-style-type: none"> NDVI for Nagaland 			 <p>Moderate wet conditions</p>
Field crops			
Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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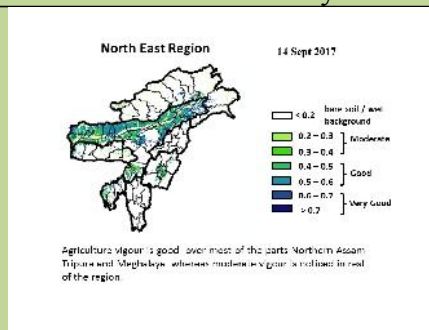
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 21°C to 23°C, respectively.
- Relative humidity varied from 72% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- Max temp** is likely to be 26°C - 27°C and the **min temp** 16°C to 17°C
- Sky is likely to be mainly clear** the coming week
- Relative Humidity** is likely to range from 40% to 92%.
- Wind speed** may reach upto 2- 4 kmph
- Wind direction** will be mostly southeasterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
<i>Jhum paddy</i>	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
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<i>Toria</i>	Land preparation	-	Field preparation should be started for <i>toria</i> and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
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Phek District

Bulletin No:84/2017

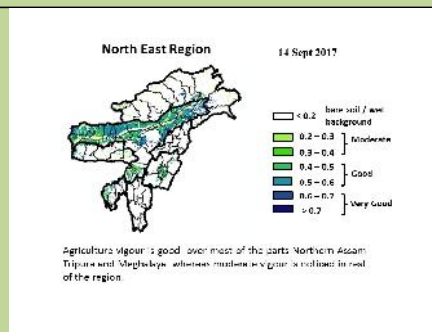
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 22°C to 23°C, respectively.
- Relative humidity varied from 65% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 24°C - 25°C and the **min temp** 15°C to 16°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 30% to 95%.
- **Wind speed** may reach upto 2- 3 kmph
- **Wind direction** will be mostly southeasterly

- NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
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Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Tuensang District

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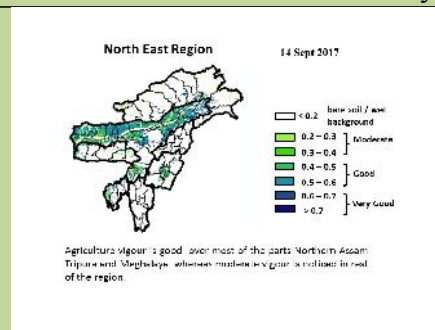
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29°C to 30°C and 20°C to 22°C, respectively.
- Relative humidity varied from 57% to 95%.
- Wind speed ranged from 2 to 3 kmph

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 24°C - 25°C and the **min temp** 15°C to 16°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 35% to 91%.
- **Wind speed** may reach upto 1- 2 kmph
- **Wind direction** will be southeasterly

▪ NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		<i>Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.</i>
TRC/WRC paddy	Panicle initiation stage	Grasshopper	<i>It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.</i>
Toria	Land preparation	-	<i>Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region</i>
Rabi maize	Land preparation		<i>Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.</i>

Horticultural crop

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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Wokha District

Bulletin No:84/2017

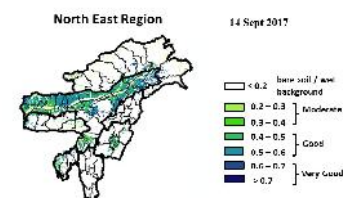
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 30°C to 31°C and 21°C to 24°C, respectively.
- Relative humidity varied from 68% to 92%.
- Wind speed ranged from 2 to 4 kmph

- NDVI for Nagaland

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 24°C - 25°C and the **min temp** 15°C to 17°C
- **Sky is likely to be mainly clear** the coming week
- **Relative Humidity** is likely to range from 53% to 90%.
- **Wind speed** may reach upto 3- 4 kmph
- **Wind direction** will be mostly southeasterly



Agriculture region's good. Over most of the parts Northern Assam. Tipu's and Meghalaya, southern most of the region is not in the road of the region.

Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

Scientific Expert committee

Sl.no	Name	Designation	Department	
1	Dr.D.J. Rajkhowa	Principle Scientist	Agronomy	djrajkhowa@gmail.com
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8	Aabon W Yanthan	Scientist	Vegetable Science	aabon.iari@gmail.com



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Integrated Agromet Advisory Service Bulletin from 28th Oct to 1st Nov'17 Zunheboto District

Bulletin No:84/2017

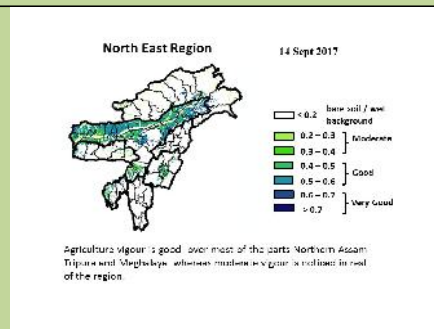
Weather summary of the preceding week

- Light rain occurred the past week
- Maximum and minimum temperatures ranged 29°C to 30°C and 20°C to 22°C, respectively.
- Relative humidity varied from 63% to 95%.
- Wind speed ranged from 1 to 2 kmph

Weather forecast valid upto 1st Nov'17

- Probability of light rain the coming week.
- **Max temp** is likely to be 23°C - 24°C and the **min temp** 14°C to 15°C
- **Sky is likely to be partly cloudy** the coming week
- **Relative Humidity** is likely to range from 41% to 95%.
- **Wind speed** may reach upto 4- 5 kmph
- **Wind direction** will be mostly southeasterly

NDVI for Nagaland



Moderate wet conditions

Field crops

Main Crops	Stage	Pest/ Diseases	Agro-meteorological Advisories
Jhum paddy	Harvesting stage		Follow sanitation during drying, milling and after milling to avoid contamination of grains and protect from insects, rodents and birds.
TRC/WRC paddy	Panicle initiation stage	Grasshopper	It feeds irregularly on seedling and leaf blade and cuts the stem during the panicle stage. Bunds should be cleaned at regular interval.
Toria	Land preparation	-	Field preparation should be started for toria and arrangement for quality seeds should be done. M-27, TS-36 and TS-38 are some of the varieties recommended for our region
Rabi maize	Land preparation		Land preparation should be started for rabi maize. It can be grown in all types of soils having adequate provision of drainage. Field should be ploughed properly so as to expose the pupae of red hairy caterpillar. Sow certified seeds from a reliable source to prevent seed rot and seedling blight. If one wants to use his own seed, seed treatment is a must. Some of the varieties recommended for our region are HQPM-1, Allrounder and RCM-76.

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